Product Specification

10 Sides aluminum fin 120 Watt LED Corn Bulb

Main Features

1 Using high brightness of original packed Epistar 2835 SMD chip which achieves **120lm/w**

2 LED Corn Bulbs can replace conventional CFL lamps.Bypass or remove existing ballast and wire direct to socket.

3 Unique construction design easier for power supply and light source replacement if needed,with full beam angle (360°)

4 Fin aluminum heat dissipation system(PATENT design).The fan of active air exchanging cooling system in order to speed up heat dissipation

5 No spot, no black area,long life span and less brightness decay

6 Various lamp bases are available,a wide range of applications (E39/E40 mogul, E26/E27 medium)

7 Wide voltage AC100-300V,High efficiency constant current drive, Efficiency of power supply is more than 90%.

8 Those LED Corn Bulbs are also available with PC cover which has transparent and milky cover

9 Those LED Corn Bulbs are also available for dimmable 0-10V

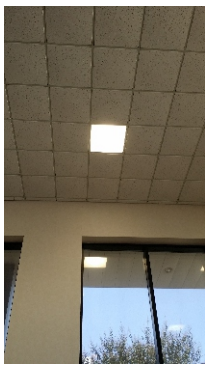
10 No magnetic disturbance influence and CE standard compliant

11 No UV and near-IR radiation in the light beam.

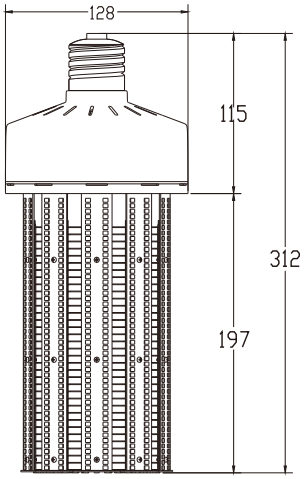
12 3 years warranty

Without Cover | Milky Cover | Transparent Cover

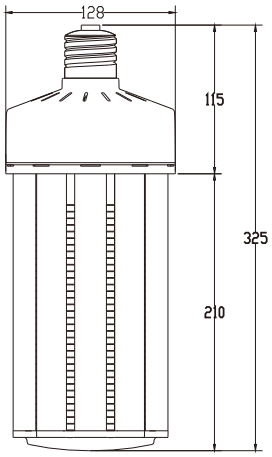
Application projects



Dimension



without pc cover



with pc cover

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Product Specification

Main Specification T=25 Celsius Degree		
Parameters \ Item Number		VLLS-CB-120WXY-D
Light	LED Type	1060pcs 2835 SMD LEDS
	Luminous Flux(lm)	15000Lm
	Color Temperature (K)	2700-3200K/4000-4500K/6000-6700K
	CRI	70 and 80 options
	Lifespan (Hrs)	> 50,000Hours
Electricity	Input Voltage (V)	100-300VAC (277VAC available)
	Frenquency (Hz)	50/60 Hz
	Output Wattage (W)	120 Watt
	Power Factor	> 0.95
	Dimmable Method	0-10V Dimmer
	Capability	Regular 0-10V dimmer available
	Power Efficiency	>0.92
	Replacement	**400W-450W Metal Halide / HPS / Son-T/ HQI**
Structure	Materials	Aluminum fin heat sink+MPCB+PBT base(fire proof)
	Dimension	(NO Cover) E40:Dia128*307mm (With Cover) E40:Dia128*320mm
	PC cover options	1,without pc cover 2,with milky cover / with transparent cover
	Base Options	E40/E39(Mogul) E27/E26(Medium)
	Driver style	Internal Driver
	IP Rating	IP60
Certificate	Working Temp/humidity	-25 - 55 Celsius degree 10% - 90% R.H.
	Storage Humidity	-40 - 85 Celsius Degree 0% - 95% R.H.
	Certificate	**FCC SAA CE**
	Environmental cert	RoHS

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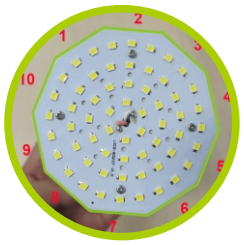
Advantages



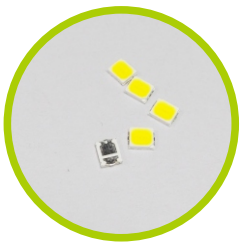
Round 10 sides shine out

Wireproof base

Milky cover

Transparent cover

Top Brand Sunon Fan



High Brightness Epistar 2835

External Driver

Aluminum fin heat sink
Thermal Pad built-in

Test Result

DATA OF LAMP		PHOTOMETRIC DATA Eff: 119.16 lm/W			
MODEL		Imax(cd)	1533	S/MH(C0/180)	2.78
NOMINAL POWER(W)	126	LOR(%)	100.0	S/MH(C90/270)	2.80
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	15015	η UP,DN(C0-180)	22.8,27.0
NOMINAL FLUX(lm)	15015	CIE CLASS	DIFFUSE	η UP,DN(C180-360)	23.4,26.8
LAMPS INSIDE	1	η up(%)	46.2	CIBSE SHR NOM	2.00
TEST VOLTAGE(V)	226.7	η down(%)	53.8	CIBSE SHR MAX	

What to be aware of (Cautions)?

1. Read the user's manual in detail,make sure product fits environmental condition.
2. Cut the power off before installation
3. Do not run this led corn bulb over 300VAC unless it's labeled.
4. Do not install this LED corn bulb where ambient temperatures exceed 55 degrees Celsius or over corrosive gas
5. Indoor,Outdoor use in outdoor luminaires (minimum Ip65)
6. Don't throw away casually

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Where to use LED Corn Bulb ?

1. Outdoor street lighting, wall pack lighting,canopy lighting, post top lighting, high bay light, warehouse lighting,pathway lighting,factory lighting,supermarket lighting,parking lot and stadium lighting etc.

Parking Lot

Pathway fixture

Wall Pack Fixture

Street fixture

Cobra Fixture

Street fixture

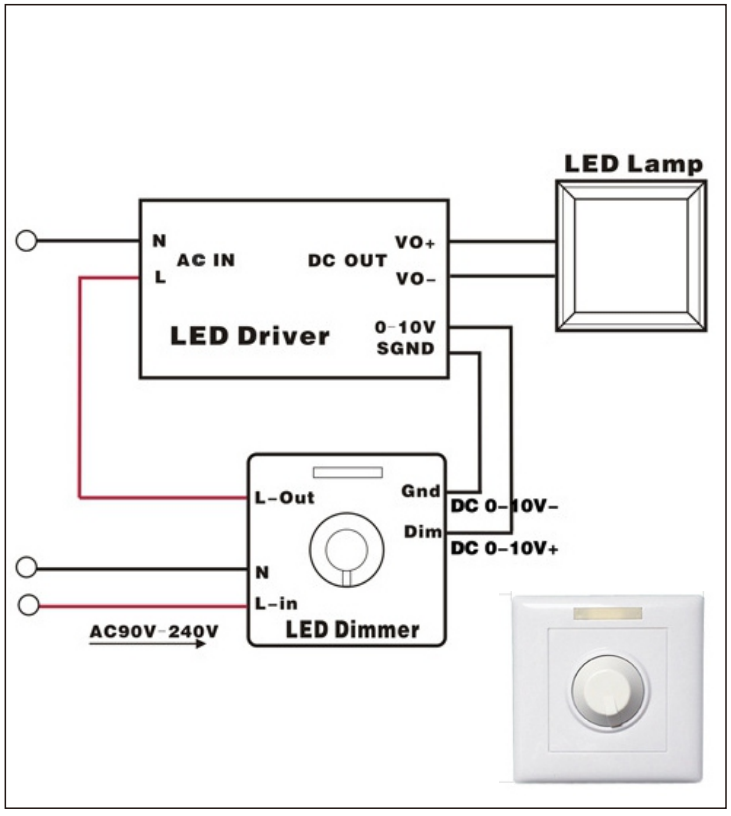
Post top fixture

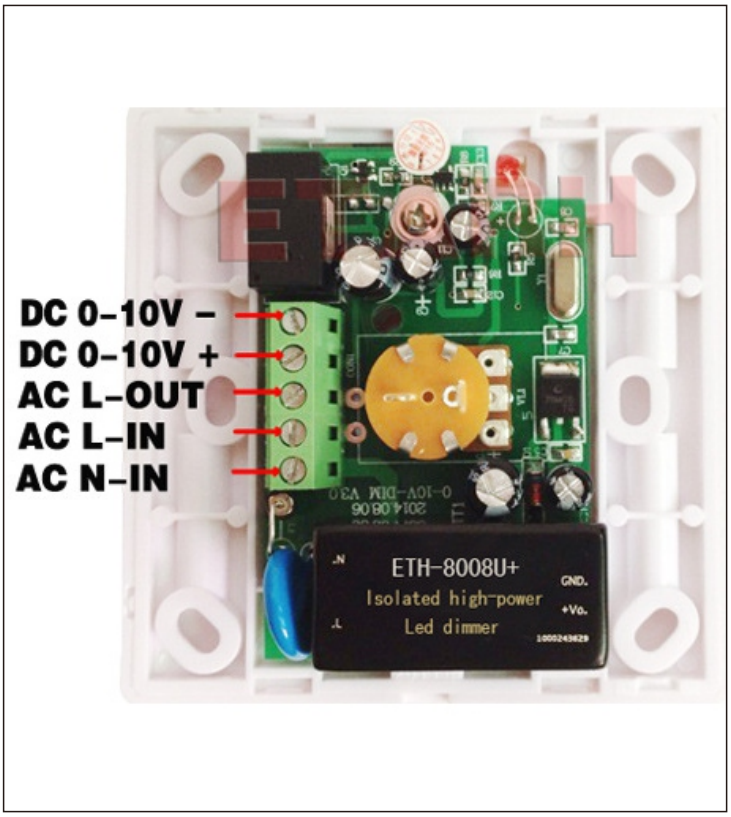
High Bay fixture

Droplight fixture

Wall Light fixture

Wiring Dagram





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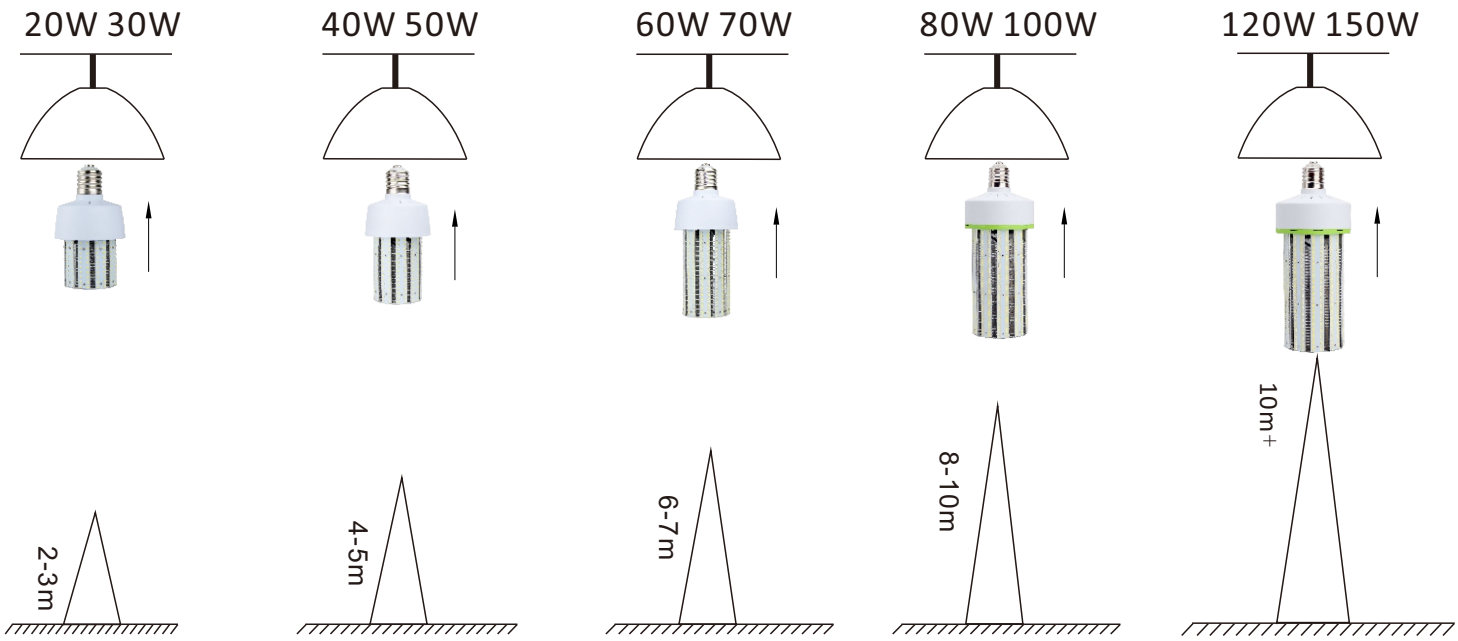
Installation suggestion



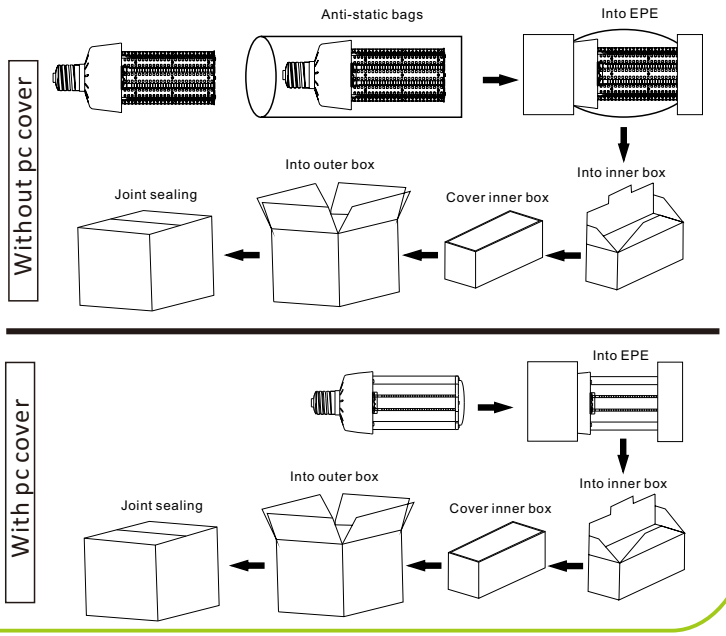
1, LED Corn Bulbs are retrofit led bulbs which are with the lastest cooling heat sink technology Thermal was blew out from sides borad gap rapidly.And they are just perfect to replace the existing matel halide,high pressure sodium,HQI,Son-T,halogen etc

2, Since there are various wattage options for high bay lighting application,different wattage has its perfect lighting effect at different height

3, 20W = 50-75W MH 30W=75-105W MH 40W=125-150W MH
50W = 175-225W MH 60W=225-250W MH 70W = 250W-275W MH
80W = 250-300W MH 100W = 300W MH 120W = 400W MH 150W= 500W MH

Packing Details

Packed QTY	12 Pieces
Net Weight	0.90Kg/pc
Gross Weight	14.5Kg/ctn
Box Size	15cm*15cm*36cm
Carton Size	66cm*50cm*40cm



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